

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-024875**Date Inspected:** 28-Jun-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 730**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1600**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Job Site**CWI Name:** William Norris**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** S.A.S. components**Summary of Items Observed:**

The Quality Assurance Inspector (QAI), Scott Croff, was present at the Self Anchored Span (SAS) job site to observe the scheduled fabrication and welding of components for the SFOBB project.

The QAI reviewed contract related documents including the submitted and approved Welding Quality Control Plan (WQCP) and approved revisions to the WQCP. The QAI continued reviewing the informal weekly welding report packages #65, #66 & #67 for conformance with the contract requirements. This work was in progress at the end of the shift.

The QAI noted that at Pier 7, the contractor's personnel are working / welding on temporary structures / falsework that will be utilized in the erection of the SAS superstructure and cabling. The QAI did not witness any contract welding during this shift. The QAI researched the service platform repairs that have been completed to date and noted that according to the approved Request for Information (RFI) 2392R01, there appeared to be additional work than is visible. The QAI observed that per the approved RFI, piece SP-B-4 on service platform 5, there is a request for inspection of the visible damage. The QAI noted that this area still has the finish paint and does not appear to be inspected in the manner that other connections were. The QAI spoke with the Quality Control Inspector (QCI) William Norris, and showed the RFI documents to the QCI. The QAI asked if inspection was preformed at that location, or if it was planned. The QAI was informed that he did not have a copy of the approved RFI and showed the QAI the documentation that was proved by ABF's Welding Quality Control Manager. The QAI noted that this documentation did not include the approved comments or request for additional inspection. The QCI was provided with a copy of the RFI and informed the QAI that the part / location will be examined at a time not yet determined, as the paint needs to be removed before inspection. The QAI noted to

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follow up during the next shift.

Summary of Conversations:

The QAI relayed the status of the document reviews and the Pier 7 activities to the QAI Lead Bill Levell. Except as described above, there were no other notable conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Nina Choy (510) 385-5910, who represents the Office of Structural Materials for your project.

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| Inspected By: | Croff,Scott | Quality Assurance Inspector |
| Reviewed By: | Levell,Bill | QA Reviewer |
